

# STIC Search Report

# STIC Database Tracking Number

To:Donna Wildermuth

Location:3B49 Art Unit: 3637

Friday, January 20, 2006

Case Serial Number: 10/812468

From: Etelka R. Griffin

Location: EIC 3600

**KNOX/4B68** 

Phone:571-272-4230

Etelka.griffin@uspto.gov

# Search Notes

LITIGATION-6189616	



Source: Legal > Area of Law - By Topic > Patent Law > Patents > U.S. Patents > Utility, Design and Plant Patents

Terms: patno=6189616 (Edit Search | Suggest Terms for My Search)

### 522913 (09) 6189616 February 20, 2001

#### UNITED STATES PATENT AND TRADEMARK OFFICE GRANTED PATENT

#### 6189616

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#### Link to Claims Section

February 20, 2001

#### Expandable wellbore junction

**APPL-NO:** 522913 (09)

FILED-DATE: March 10, 2000

**GRANTED-DATE:** February 20, 2001

CORE TERMS: wellbore, tubular, connector, radially, sealing, lateral, packer, casing,

sealingly, grip ...

#### **ENGLISH-ABST:**

Multiple wellbores are interconnected utilizing a deflection device having a guide layer of lower hardness than the body of the deflection device, and a cutting tool having a guide portion and being operative to cut through the deflection device guide layer and a tubular structure lining a wellbore.

Source: Legal > Area of Law - By Topic > Patent Law > Patents > U.S. Patents > Utility, Design and Plant

Patents :

Terms: patno=6189616 (Edit Search | Suggest Terms for My Search)

View: Custom

Segments: Abst, Appl-no

Date/Time: Friday, January 20, 2006 - 11:00 AM EST



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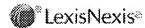
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- OR -

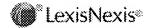
Click "Edit Search" to return to the search form and modify your search.

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- Use more common search terms, such as those listed in "Suggested Words and Concepts"
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Patent Search - Number: 6189616

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(Charges for search still apply)

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PLUSPAT - CQUESTEL-ORBIT - image
Patent Number :
 US6189616 B1 20010220 [US6189616]
Title :
  (B1) Expandable wellbore junction
Patent Assignee :
  (B1) HALLIBURTON ENERGY SERV INC (US)
Patent Assignee :
  Halliburton Energy Services, Inc., Dallas TX [US]
Inventor(s):
  (B1) GANO JOHN C (US); BOWLING JOHN S (US); FREEMAN TOMMIE A (US);
  LONGBOTTOM JIM R (US)
Application Nbr :
 US52291300 20000310 [2000US-0522913]
Filing Details :
  Divsn of US086716 19980528 [1998US-0086716]
Priority Details :
  US52291300 20000310 [2000US-0522913]
 US8671698 19980528 [1998US-0086716]
Intl Patent Class :
  (B1) E21B-007/08 E21B-043/14
EPO ECLA Class :
 E21B-007/06B
 E21B-023/04
  E21B-023/06
 E21B-029/06
 E21B-033/12
 E21B-033/12F
 E21B-033/12F2
 E21B-033/127
 E21B-041/00L2
  E21B-043/10F
US Patent Class:
  ORIGINAL (O) : 166298000; CROSS-REFERENCE (X) : 166055100 166117600
  166313000 166376000 175081000
Document Type :
  Corresponding document
Citations :
  US2331293; US2397070; US4444276; US5318122; US5330007; US5348095;
 US5388648; US5425559; US5655602; US5695008; US5718288; US5771972;
 US5794702; US5813465; US5937955; US6059037; EP0136935; EP0795679 A2;
 WO9623953; WO9706345; WO9913195
 Drilling Engineering Association "Rapid Juntion" Project Proposal Form,
  Undated 1998 DEA Rapid Junction Proposal, dated Jan. 15, 1998.
Publication Stage :
  (B1) U.S. Patent (no pre-grant pub.) after jan. 2, 2001
Abstract :
 Multiple wellbores are interconnected utilizing a deflection device
 having a guide layer of lower hardness than the body of the deflection
  device, and a cutting tool having a guide portion and being operative to
  cut through the deflection device guide layer and a tubular structure
  lining a wellbore.
Update Code :
  2001-14
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#### 1 / 1 LGST - ©EPO

Patent Number :

US6189616 B1 20010220 [US6189616]

Application Number :

US52291300 20000310 [2000US-0522913]

Action Taken :

20030513 US/RF-A

REISSUE APPLICATION FILED EFFECTIVE DATE: 20030214

20040928 US/RF-A

REISSUE APPLICATION FILED EFFECTIVE DATE: 20040330

20050628 US/RF-A

REISSUE APPLICATION FILED EFFECTIVE DATE: 20040330

Update Code :

2005-27

#### 1 / 1 CRXX - @CLAIMS/RRX

Patent Number :

6,189,616 A 20010220 [US6189616]

Patent Assignee :

Halliburton Energy Services Inc

Actions :

20030214 REISSUE REQUESTED ISSUE DATE OF O.G.: 20030513

REISSUE REQUEST NUMBER: 10/367619

EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 3672

#### Reissue Patent Number:

20040330 REISSUE REQUESTED ISSUE DATE OF O.G.: 20040928

REISSUE REQUEST NUMBER: 10/812597

EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 3672

#### Reissue Patent Number:

20040330 REISSUE REQUESTED ISSUE DATE OF O.G.: 20050628

REISSUE REQUEST NUMBER: 10/812468

EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 3672

## Reissue Patent Number:

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1 / 1 INPADOC - @INPADOC
Patent Number :
  US 6189616 BA 20010220 [US6189616]
Title :
  EXPANDABLE WELLBORE JUNCTION
Inventor(s):
  GANO JOHN C [US]; FREEMAN TOMMIE A [US]; LONGBOTTOM JIM R [US]; BOWLING
  JOHN S [US]
Patent Assignee (Words) :
  HALLIBURTON ENERGY SERV INC [US]
Application Details :
  US 522913/00-A 20000310 [2000US-0522913]
Priority Details :
  US 522913/00-A 20000310 [2000US-0522913]
  US 86716/98-A3 19980528 [1998US-0086716]
Intl. Patent Class. :
  E21B-007/08; E21B-043/14
1 / 1 LGST - @EPO
Patent Number :
  US6189616 B1 20010220 [US6189616]
Application Number :
  US52291300 20000310 [2000US-0522913]
Action Taken :
  20030513 US/RF-A
  REISSUE APPLICATION FILED
  EFFECTIVE DATE: 20030214
  20040928 US/RF-A
  REISSUE APPLICATION FILED
  EFFECTIVE DATE: 20040330
  20050628 US/RF-A
  REISSUE APPLICATION FILED
  EFFECTIVE DATE: 20040330
Update Code :
  2005-27
1 / 1 CRXX - @CLAIMS/RRX
Patent Number :
  6,189,616 A 20010220 [US6189616]
Patent Assignee :
 Halliburton Energy Services Inc
Actions :
  20030214 REISSUE REQUESTED
  ISSUE DATE OF O.G.: 20030513
  REISSUE REQUEST NUMBER: 10/367619
  EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 3672
  Reissue Patent Number:
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20040330 REISSUE REQUESTED

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ISSUE DATE OF O.G.: 20040928
REISSUE REQUEST NUMBER: 10/812597
EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 3672

Reissue Patent Number:

20040330 REISSUE REQUESTED
ISSUE DATE OF O.G.: 20050628
REISSUE REQUEST NUMBER: 10/812468
EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 3672

Reissue Patent Number: